Robin Mathew

List of Publications by Year
in descending order

25 papers	10,891 citations	257101 24 h-index	580395 25 g-index
25 all docs	25 docs citations	25 times ranked	13716 citing authors

#	Article	IF	Citations
1	Eat this, not that! How selective autophagy helps cancer cells survive. Molecular and Cellular Oncology, 2015, 2, e975638.	0.3	8
2	Functional Role of Autophagy-Mediated Proteome Remodeling in Cell Survival Signaling and Innate Immunity. Molecular Cell, 2014, 55, 916-930.	4.5	96
3	Autophagy Sustains Mitochondrial Glutamine Metabolism and Growth of BrafV600Eâ€“Driven Lung Tumors. Cancer Discovery, 2013, 3, 1272-1285.	7.7	382
4	Autophagy suppresses progression of K-ras-induced lung tumors to oncocytomas and maintains lipid homeostasis. Genes and Development, 2013, 27, 1447-1461.	2.7	529
5	Glutamineâ€driven oxidative phosphorylation is a major ATP source in transformed mammalian cells in both normoxia and hypoxia. Molecular Systems Biology, 2013, 9, 712.	3.2	338
6	Hypoxic and Ras-transformed cells support growth by scavenging unsaturated fatty acids from lysophospholipids. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8882-8887.	3.3	585
7	Autophagy Suppresses RIP Kinase-Dependent Necrosis Enabling Survival to mTOR Inhibition. PLoS ONE, 2012, 7, e41831.	1.1	128
8	Effect of dual inhibition of apoptosis and autophagy in prostate cancer. Prostate, 2012, 72, 1374-1381.	1.2	57
9	Autophagy in tumorigenesis and energy metabolism: friend by day, foe by night. Current Opinion in Genetics and Development, 2011, 21, 113-119.	1.5	225
10	Activated Ras requires autophagy to maintain oxidative metabolism and tumorigenesis. Genes and Development, 2011, 25, 460-470.	2.7	1,093
11	Role of autophagy in suppression of inflammation and cancer. Current Opinion in Cell Biology, 2010, 22, 212-217.	2.6	277
12	Chapter 4 Assessing Metabolic Stress and Autophagy Status in Epithelial Tumors. Methods in Enzymology, 2009, 453, 53-81.	0.4	31
13	Autophagy Suppresses Tumorigenesis through Elimination of p62. Cell, 2009, 137, 1062-1075.	13.5	1,544
14	Therapeutic starvation and autophagy in prostate cancer: A new paradigm for targeting metabolism in cancer therapy. Prostate, 2008, 68, 1743-1752.	1.2	97
15	Chapter 5 Immortalized Mouse Epithelial Cell Models to Study the Role of Apoptosis in Cancer. Methods in Enzymology, 2008, 446, 77-106.	0.4	24
16	Role of the Polarity Determinant Crumbs in Suppressing Mammalian Epithelial Tumor Progression. Cancer Research, 2008, 68, 4105-4115.	0.4	86
17	NBK/BIK antagonizes MCL-1 and BCL-XL and activates BAK-mediated apoptosis in response to protein synthesis inhibition. Genes and Development, 2007, 21, 929-941.	2.7	122
18	Autophagy suppresses tumor progression by limiting chromosomal instability. Genes and Development, 2007, 21, 1367-1381.	2.7	809

#	Article	IF	Citations
19	Why Sick Cells Produce Tumors: The Protective Role of Autophagy. Autophagy, 2007, 3, 502-504.	4.3	64
20	Autophagy mitigates metabolic stress and genome damage in mammary tumorigenesis. Genes and Development, 2007, 21, 1621-1635.	2.7	721
21	Metabolic catastrophe as a means to cancer cell death. Journal of Cell Science, 2007, 120, 379-383.	1.2	200
22	Induction of Apoptosis by Diterpenes from the Soft Coral Xenia elongata. Journal of Natural Products, 2007, 70, 1551-1557.	1.5	28
23	Role of autophagy in cancer. Nature Reviews Cancer, 2007, 7, 961-967.	12.8	1,625
24	Autophagy promotes tumor cell survival and restricts necrosis, inflammation, and tumorigenesis. Cancer Cell, 2006, 10, 51-64.	7.7	1,779
25	A p53 dose-response relationship for sensitivity to DNA damage in isogenic teratocarcinoma cells. Oncogene, 2001, 20, 2982-2986.	2.6	43